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Sheet	1	of	8	Attorney Docket Number	334498005US2

		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, When
Examiner Initials*	Cite No. <sup>1</sup>	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevar Figures Appear
P		US-2002/0016519		Cornelis Lok	
		US-3856710		KARL J. MOULTON, ET AL.	
		US-4088603	05-09-1978	JAMES L. CARTER, ET AL.	
$\Box L$		US-4134905		JOHN M. HASMAN	
		US-4184982	01-22-1980	WOLFGANG SCHROEDER, ET AL.	
·   _		US-4188333	02-12-1980	RAYMOND M. CAHEN	
T		US-4209547	06-24-1980	DANIEL A. SCARPIELLO, ET AL.	
T		US-4213882	07-22-1980	HERBERT KRANICH	
T		US-4228088	10-14-1980	JAN KUIPER	
T		US-4229361	10-21-1980	RAYMOND MARC CAHEN	
T		US-4251672	02-17-1981	JAMES L. CARTER	
		US-4260643	04-07-1981	WALTER M. COCHRAN	
		US-4263225	04-21-1981	JAMES L. CARTER	
1		US-4278609	07-14-1981	JAN KUIPER	
		US-4307026	12-22-1981	JAN KUIPER	
	-	US-4317748	03-02-1982	JOHN TOROK	
		US-4326932	04-27-1982	ALBERT FROLING	
		US-4356197		MICHAEL T. DEVITT	
		US-4385001		BRUCE I. ROSEN	
1		US-4399007		ALBERT FROLING	
		US-4424162		BRUCE I. ROSEN	
		US-4424163		BRUCE I. ROSEN	
		US-4479902		BRUCE I. ROSEN	
1		US-4510091		BRUCE I. ROSEN	
T		US-4510092		BRUCE I. ROSEN	<u>-</u>
1		US-4519951		GAIL M. QUALEATTI	
1		US-4547319		GAIL M. QUALEATTI	
-		US-4584139		THOMAS J. GRAY	· · · · · ·
-+		US-4590007		JAMES R. TUCKER	
-t		US-4626604		ANDREW G. HILES	
<del>- \</del>		US-4666635		HELMUT KLIMMEK	
		US-4670416		HELMUT KLIMMEK	
<del>- /</del> I		US-4725573		CAROLUS M. A. M. MESTERS	
-H		US-4786402		THOMAS ANSTOCK	
		US-4847016		GERD GOBEL	
<del>- /-</del>		US-4871485		JACOB B. RIVERS	
-H		US-4960960		GEORGE E. HARRISON	
$\dashv$		US-4973430		JACOB B. RIVERS	
		US-5087599		MARTHA J. P. BOTMAN	
		US-5112792		CORNELIS M. LOK	
-44-		US-5223470		HERMANUS J. BOUWMAN	<del> </del>

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Sut	Substitute for form 1449A/B/PTO			Complete If Known		
				Application Number	10/750,457-Conf. #4983	
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S	TATEMENT I	3Y /	APPLICANT	First Named Inventor	Hans Van Toor	
				Art Unit	1621	
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned	
Sheet	2	of	8	Attorney Docket Number	334498005US2	

$\Box$	$\Pi$	US-5225581		PETER N. PINTAURO	
	$T \perp$	US-5298638	03-29-1994	GABRIELLA J. TOENEBOEHN	
		US-5354877	10-11-1994	ARNO BEHR	
		US-5360920	11-01-1994	VICKI L. WEBER	
		US-5399792	03-21-1995	GUENTHER DEMMERING	
		US-5463096	10-31-1995	CORNELIS M. LOK	
$\Box I$	[	US-5492877	02-20-1996	GIUSEPPE GUBITOSA	
		US-5498587	03-12-1996	GREGOR DECKERS	
		US-5599376	02-04-1997	JOHN D. CAMP	
		US-5674796	10-07-1997	HO-IN LEE	
		US-5693835	12-02-1997	HIROAKI KONISHI	
		US-5734070	03-31-1998	THOMAS TACKE	
		US-5863589	01-26-1999	ROBERT M. COVINGTON	
		US-5885643		DHARMA KODALI	
		US-5912041	06-15-1999	ROBERT M. COVINGTON	
		US-5962711	10-05-1999	MAGNUS HARROD	
		US-5981781		SUSAN KNOWLTON	
		US-6113976	09-05-2000	RUTH G. CHIOU	
		US-6129789	10-10-2000	HIROSHI KAWASE	
		US-6218556	04-17-2001	PETER N. PINTAURO	
		US-6229032	05-08-2001	PIERRE JACOBS	
		US-6265596	07-24-2001	MAGNUS HARROD	
		US-6365558	12-27-2001	KASTURI LAL	
		US-6383992	05-07-2002	William Garmier	
	$\prod$	US-6391369	05-21-2002	FRANK R. KINCS	
		US-6420322	07-16-2002	DHARMA R. KODALI	
	$\prod$	US-6452029	09-17-2002		
	1	US-6544579	04-08-2003	TODD LANDON	

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁵
2		EP-0 021 527-B1	05-18-1983	Unilever NV		
9		EP-0 021 528-B1	03-23-1983	Unilever NV		
$\Box$		EP-0 114 704-A2	08-01-1984	Unilever PLC		
		EP-0 120 122-A2	10-03-1984	Olin Corporation .		
		EP-0 215 563-A2	03-25-1987	Davy McKee (London) Limited		П
	**	EP-0 230 971-A2	08-05-1987	Henkel Kommanditgesellschaft auf Aktien		
		EP-0 246 366-A1	11-25-1987	The Procter & Gamble Company		
4		EP-0 277 230	08-10-1988	Rivers, Jacob		

Examiner Signature	Date Considered	3/	06

Sut	Substitute for form 1449A/B/PTO			Complete If Known		
				Application Number	10/750,457-Conf. #4983	
IN	NFORMATION	N DISC	LOSURE	Filing Date	December 31, 2003	
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				Art Unit	1621	
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Sheet	3	of	8	Attorney Docket Number	334498005US2	

LD		EP-0 291 303		Unilever NV/Unilever PLC
		EP-0 300 018-B1	01-25-1989	Davy McKee (London)
				Limited
1 1	ļ	EP-0 314 044-A2	05-03-1989	AIR PRODUCTS AND
<u> </u>	<u> </u>			CHEMICALS, INC.
1 1		EP-0 389 158	09-26-1990	
1 (				LTD. CONSIGLIO
1	ł			NAZIONALE DELLE
1 1	l			RICERCHE ISTITUTO DI RICERCHE SUI METODI E
1 /			·	PROCESSI CHIMICI PER LA
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1 /	1			L'ACCUMULO
	<u> </u>	EP-0 398 668	11-22-1990	<del></del>
11	İ		, , 25	BVIUNILEVER NV
	i .	EP-0 429 995-A2	06-05-1991	HELIOS OLJARNA
Ш	<u> </u>			DOMZALE d.o.o.
	**	EP-0 472 918-A1	03-04-1992	
oxdot	<u> </u>			AKTIENGESELLSCHAFT .
1 1		EP-0 528 850-A1	03-03-1993	, , , , , , , , , , , , , , , , , , ,
<del></del>	<del>                                     </del>	EP-0 534 524-A2	02 24 4002	COMPANY Unilever NV/Unilever PLC
<del>                                     </del>	├	EP-0 569 110-A1		W.R. Grace & Co.Conn.
<del>                                     </del>		EP-0 572 081-A1		Ministero Dell 'Universita' E
1 1		E1 -0 3/2 001-A1	12-01-1995	Della Ricerca Scientifica
				Tecnologica
		EP-0 654 074-B1	05-24-1995	The Proctor & Gamble
				Company
		EP-0 665 287-A2	08-02-1995	
				PRODUCTS CO., LTD.
		EP-0 674 698-A1		NORSK HYDRO A.S
		EP-0 703 728-B1		CARGILL, INCORPORATED
L 1	**	EP-0 745 116-B1	12-04-1996	Degussa Aktiengesellschaft
		EP-0 757 031-A2	02-05-1997	
		EP-0 791 041-B1	08-27-1997	Poul Moller Ledel Ses-Og
<b> </b>				Ingeniormadgivning Aps
<b></b>		EP-0 831 713-B1		Unilever NV/Unilever PLC
		EP-0 917 561-B1	05-25-1999	K.U. Leuven Research & Development
l	├	EP-0 921 728	06-16-1999	
	<del> </del>	EP-1 057 887-A1		DANISCO A/S
	$\vdash$	EP-1 154 854-A1		IMPERIAL CHEMICAL
		2. 1101001711	11. 21. 2001	INDUSTRIES PLC
	<u> </u>	EP-0 114 704-B2		Unilever NV
~		WO-00/47320-A1		Imperial Chemical Industries
7				PLC
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Sub	Substitute for form 1449A/B/PTO			Complete If Known		
				Application Number	10/750,457-Conf. #4983	
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S	TATEMENT I	BY A	APPLICANT	First Named Inventor	Hans Van Toor	
				Art Unit	1621	
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned	
Sheet	4	of	8	Attorney Docket Number	334498005US2	

<del>-1</del>		WO-02/00815-A2	104 02 2002	Danawahla Lubricanto Inc	·
<del>-41</del>		<u></u>		Renewable Lubricants, Inc.	
		WO-03/080779-A1		FUJI OIL EUROPE	
		WO-03/353152-A2	07-03-2003	FUJI OIL EUROPE	
		WO-03/59505-A1	07-24-2003	ARCHER-DANIELS-	
1				MIDLAND COMPANY	Ì
		WO-88/00855-A1		RIVERS, Jacob, Boyd, Jr.	
П		WO-88/05767	08-11-1988	Davy McKee (London)	
11			1	Limited	
$\Box$		WO-91/17667-A1	11-28-1991	THE PROCTER & GAMBLE	
I 1		1	1	COMPANY	
		WO-94/03566-A1	02-17-1994	THE PROCTER & GAMBLE	
1 1				COMPANY	
		WO-94/11472-A1	05-26-1994	NORSK HYDRO A.S	
		WO-94/15478-A1	07-21-1994	UNILEVER PLCJUNILEVER	
1 1				INV	
		WO-95/00035-A1	01-05-1995	E.I. DU PONT DE NEMOURS	
1 1	1	·	1	AND COMPANY	
		WO-95/00036-A1	01-05-1995	E.I. DU PONT DE NEMOURS	
l i	l			AND	
1 1	. [		ŀ	COMPANY COVINGTON,	
				Robert, Melvin, Jr. UNGER,	
l l	i			Ernie, H.	
	**	WO-95/22591-A1	08-24-1995	Degussa et al.	
		WO-96/01304-A1	01-18-1996	Poul Moller Ledelses - og	
				Ingeniorradgivning APS	·
		WO-97/43907-A1	11-27-1997	CARGILL, INCORPORATED	
		WO-98/54275-A2	12-03-1998	K. U. LEUVEN RESEARCH &	
I A		1		DEVELOPMENT	
		<u> </u>			

\*EXAMINER: Initial if reference considered, whether or not calation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*6 Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English tanguage Translation is attached.

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
O4		"PRICAT Catalysts for the Hydrogenation of Edfible Oils,"  http://www.synetix.com/edibleoils/applications-edibleoils.htm, 2 pages July 25, 2003.					
4		ANDERSON, J.A., et al., "Influence of the Support in the Selectivity of NI Clay Catalysts for Vegetable Oil Hydrogenation," Amer Chemical Soc.,: 2485-2490 October 1993					

Examiner Signature	NO A	Date Considered	5706
Signature		Considered	100

Sut	estitute for form 1449A/B/PT	·o		Complete if Known		
				Application Number	10/750,457-Conf. #4983	
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S	TATEMENT	3Y /	APPLICANT	First Named Inventor	Hans Van Toor	
				Art Unit	1621	
	(Use as many sh	eets a:	necessary)	Examiner Name	Not Yet Assigned	
Sheet	5	of	8	Attorney Docket Number	334498005US2	

20		ANDRADE, G.M.S., et al., "A Statistical Evaluation of the Effects of Process Variables During	
124		Catalytic Hydrogenation of Passion Fruit (passiflora edulis) Seed Oil," Braz. J. Chem. Eng.,	
1 - 1		Vol. 15, No. 1, ISSN 0104-6632, 12 pages, March 1998.	
		BALAKOS, M.W., et al., "Catalyst characteristics and performance in edible oil hydrogenation,"	
li		CATALYSIS TODAY 35 (4): 415-425 APR 11 1997.	
		BAYER, E., et al., "Selective Hydrogenation of Oleic Acid-Rich Oils in Aqueous-Medium by a	
1 1		PVP-NI-Catalyst, Fett Wissenchaft Technologie-Fat Science Technology, March 1992, pp.	
1 1		79-82, 94 (3), Konradin Industrieverlag GMBH, Germany.	
	1	BEHR, A., "Selective Hydrogenation of Multi-Unsaturated Fatty-Acids in the Liquid-Phase,"	
1 1		Fett Wissenchaft Technologie-Fat Science Technology, Jan. 1993, pp. 2-11, 95(1), Konradin	
1	ŀ	Industrieverlag GMBH, Germany.	
	İ	BERNAS, A., et al., "Influence of Hydrogen Preactivation on the Linoleic Acid Isomerization	_
1 1	l	Properties of Supported Ruthenium Catalyst," 2003, pp. 3-10, Vol. 78, No. 1, Budapest.	
	<del> </del>	BHERING, D. et al., "Preparation of High Loading Silica-Supported Nickel Catalyst: Analysis	_
1		of the Reduction Step," Applied Catalysis A: General, 2002, pp. 55-64, 234 (1).	
<del>                                     </del>	*	BREHM, A., et al., "Use of Platinum-Loaded Y-Zeolites as Catalysts for Hydrogenation of	
li		Liquid and Low-Melting Fats," Chemie Ingenieur Technik, Dec. 1989, pp. 963-964, Vol. 61	
	ł	(12).	
<del>                                     </del>	<del> </del>	CHOO, H.P., et al., "Activity and selectivity of noble metal colloids for the hydrogenation of	-
1	1	polyunsaturated soybean oil," J MOL CATAL A-CHEM 191 (1): 113-121 JAN 2 2003.	
<del>                                     </del>	<del> </del>	CHOO, H.P., et al., "Hydrogenation of palm clein catalyzed by polymer stabilized Pt colloids,"	
1 1		Journal of Molecular Catalysis A: Chemical 165: 127-134 2001.	
$\vdash$	<del> </del>	CHUNG, C.S. et al., "Catalyst Preparation and Support Effects for Triglyceride Hydrogenation	_
	1	over Supported Nickel," J Chem. Tech. Biotechnol, 1987, pp. 15-30, Vol. 38, Great Britain.	
$\vdash$	<del> </del>	DROZDOWSKI, B., et al., "Effect of rapeseed oil hydrogenation conditions on trans isomers	_
1 1	1	formation," Eur. J. Lipid Sci. Technol. 102: 642-645 2000.	
<del>                                     </del>	<del> </del>	FERRERAS, J.F., et al., "Influence of the Clay and the Nickel Content in Catalysts for	_
1 1	1	Vegetable Oil Hydrogenation," React. Kinet. Catal. Lett., Vol. 53, No. 1: 1-6 1994.	
<del>   -</del>	<del> </del>	FILLION, B. et al. "Gas-liquid mass-transfer and hydrodynamic parameters in a soybean oil	_
l 1		FILLION, B. et al. Gas-liquid mass-transfer and hydrodynamic parameters in a soybean oil	
1 /		hydrogenation process under industrial conditions," IND ENG CHEM RES 39 (7): 2157-2168	
<del>-   -</del>	<del> </del>	JUL 2000.	_
	1	FILLION, B., et al., "Kinetics, Gas-Liquid Mass Transfer, and Modeling of the Soybean Oil	
$\vdash\vdash\vdash$	-	Hydrogenation Process," Ind. Eng. Chem. Res.: 697-709 2002.	
<del>                                     </del>	ļ	FURLONG, K., "The Low Trans Challenge", Oils and Fats International, July 2004, pp. 30-31.	_
		GONZALES-MARCOS, M.P., et al., "Nickel on Silica Systems. Surface Features and Their	
{		Relationship with Support, Preparation Procedure and Nickel Content," APPL CATAL A-GEN	
$\vdash$	<b>├</b>	162 (1-2): 269-280 NOV 18 1997.	_
		GONZALEZ-MARCOS, M.P., et al., Effect of Thermal Treatments on Surface Chemical	
[ }		Distribution and Catalyst Activity in Nickel on Silica Systems," J MOL CATAL A-CHEM 120 (1-	
<del></del>	ļ	3): 185-196, JUN 13, 1997.	_
		GONZALEZ-MARCOS, M.P., et al., "Control of the Product Distribution in the Hydrogenation	
l /		of Vegetable Oils over Nickel on Silica Catalysts," The Canadian Journal of Chemical	
<del></del>	L	Engineering, Vol. 76: 927-935 Oct. 1998.	
1 1		GRAU, R. J., et al., "The Cup-and-Cap Reactor: A Device To Eliminate Induction Times in	
$  \phi  $		Mechanically Agitated Slurry Reactors Operated with Fine Catalyst Particles," Ing. Eng. Chem.	
	L	Res., Vol. 26, No. 1, 18-22, 1987.	

Examiner	0 s k	Date 27.
	1. 14 1	
Signature		Considered   - / /) / a
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Sut	stitute for form 1449A/B/F	PTO		Complete If Known	
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			-	Art Unit	1621
	(Use as many s	heets as	necessary)	Examiner Name	Not Yet Assigned
Sheet	6	of	8	Attorney Docket Number	334498005US2

90	HERRERO, J., et al., "Catalytic Behaviour of Rhodium Supported on Palygorskite, Silica and Titania in Oil Hydrogenation," Applied Catalysis A: General, 86: 37-43, 1992.
	HSU, N, et al., "Catalytic Behavior of Palladium in the Hydrogenation of Edible Oils," J AM OIL CHEM SOC, 65 (3): 349-356, Mar 1988.
	ILINITCH, O.M., "Nanosize Palladium Loaded Catalytic Membrane: Preparation and Cis-Trans Selectivity in Hydrogenation of Sunflower Oil," STUD SURF SCI CATAL 118: 55-61 1998.
	JART, A, "The magnetic field as an additional selectivity parameter in fat hydrogenation," J AM OIL CHEM SOC 74 (5): 615-617 MAY 1997.
	JOVANOVIC, D., et al., "Nickel hydrogenation catalyst for tallow hydrogenation and for the selective hydrogenation of sunflower seed oil and soybean oil," CATAL TODAY 43 (1-2): 21-28 AUG 13 1998.
	JOVANOVIC, D., et al., "The influence of the isomerization reactions on the soybean oil hydrogenation process," J MOL CATAL A-CHEM 159 (2): 353-357, 2000.
	JU, J.W., et al., "Effects of alcohol type and amounts on conjugated linoleic acid formation during catalytic transfer hydrogenation of soybean oil," J FOOD SCI 68 (6): 1915-1922 AUG 2003.
	JU, J.W., et al., "Formation of conjugated linoleic acids in soybean oil during hydrogenation with a nickel catalyst as affected by sulfur addition," J AGR FOOD CHEM 51 (10): 3144-3149, MAY 7, 2003.
	JUNG, M.O., et al., "CLA Formation in Oils During Hydrogenation Process as Affected by Catalyst Types, Catalyst Contents, Hydrogen Pressure, and Oil Species," JAOCS, Vol. 79, no. 5: 501-510 2002.
	JUNG, M.O., et al., "Effects of Temperature and Agitation Rate on the Formation of Conjugated Linoleic Acids in Soybean Oil during Hydrogenation Process," J. Agric. Food Chem.: 3010-3016 2001.
	KING, J., et al., "Hydrogenation of Vegetable Oils Using Mixtures of Supercritical Carbon Dioxide and Hydrogen," JAOCS, Vol. 78 no. 2 107-113 2001.
	KITAYAMA, Y., et al., "Catalytic Hydrogenation of Linoleic Acid over Platinum-Group Metals Supported on Alumina," JAOCS, Vol. 74, no. 5: 525-529 1997.
	KOSEOGLU, S.S., et al., "Recent Advances in Canola Oil Hydrogenations," J AM OIL CHEM SOC 67 (1): 39-47 JAN 1990.
	LIST, G.R., et al., "Hydrogenation of Soybean Oil Triglycerides: Effect of Pressure on Selectivity," JAOCS, Vol. 77, no. 3: 311-314 2000.
	M.B. Macher, A. Holmqvist, "Hydrogenation of palm oil in near-critical and supercritical propane," EUR J LIPID SCI TECH 103 (2): 81-84 FEB 2001.
	MANGNUS G., "Hydrogenation of Oils at Reduced TFA Content", Oils and Fats International, July 2004, pp. 33-35.
	MONDAL, K., et al., "Mediator-assisted electrochemical hydrogenation of soybean oil," Chemical Engineering Science: 2643-2656 2003.
	NAGLIC, M., et al., "Kinetics of Catalytic Transfer Hydrogenation of some Vegetable Oils," JAOCS, Vol. 75, no. 5: 629-633 1998.
	NELE, M., et al., "Preparation of high loading silica supported nickel catalyst: simultaneous analysis of the precipitation and aging steps," APPL CATAL A-GEN 178 (2): 177-189 MAR 22 1999.
7	PARRY, J.D., et al., "The Hydrogenation of Triglycerides Using Supported Alloy Catalysts. I. Silica-Supported Ni-Ag Catalysts," J CHEM TECHNOL BIOT 50 (1): 67-80 1991.

Examiner Signature Considered 5704	Date S Considered	Signature A3
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Sub	stitute for form 1449A/B/PT	0		Complete if Known		
				Application Number	10/750,457-Conf. #4983	
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				Art Unit	1621	
	(Use as many sh	eets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	7	of	8	Attorney Docket Number	334498005US2	

4	PARRY, J.D., et al., "The Hydrogenation of Triglycerides Using Supported Alloy Catalysts. II. Silica-Supported Pd-Cu Catalysts," J CHEM TECHNOL BIOT 50 (1): 81-90 1991.
	RAVASIO, N., et al., "Environmental friendly lubricants through selective hydrogenation of
	rapeseed oil over supported copper catalysts," Applied Catalysis A: General 233: 1-6 2002.
	SANTACESARIA, E., et al., "Role of mass transfer and kinetics in the hydrogenation of
1 1 1	rapeseed oil on a supported palladium catalyst," Applied Catalysts A: General 116: 269-294
1 1 1	1994.
<del>                                     </del>	
1 1	SCHOON, N.H., "Is a Low Trans Content Attainable by Conventional Hydrogenation of
<b>i</b> 1 i	Vegatable Oils?", Oils-Fats-Lipids, Proceedings of the 21st World Congress of the
	International Society for Fat Research (ISF), The Hague: 155-158 October 1995.
1 1 1	SIMON, P., et al., "A Simplified Horiuti-Polanyi Scheme for the Hydrogenation of
	Triacylglycerols," JAOCS, Vol. 68, no. 2: 74-78 February 1991.
	SMIDOVNIK, A., et al., "Catalytic Transfer Hydrogenation of Soybean Oil," JAOCS, Vol. 69,
1 1 1	no. 5: 405-409 May 1992.
	SMIDOVNIK, A., et al., "Kinetics of Catalytic Transfer Hydrogenation of Soybean Oil," JAOCS,
	Vol. 71, no. 5: 507-511 May 1994.
<del>-  -  </del>	SUH, D.J., et al., "Nickel-alumina composite aerogels as liquid-phase hydrogenation
	catalysts," J NON-CRYST SOLIDS 285 (1-3): 309-316 JUN 1 2001.
$\vdash$	TAKENA Material Society of Co. Co. Co. Co. Co. Co. Co. Co. Co. Co.
1 1 1	TAKEYA, K. et al., "Hydrogenation of Soybean Oil by Loop Reactor Equiped with Venturi
1-1	Nozzle," J JPN SOC FOOD SCI 42 (4): 237-247 1995.
1 / 1	TAKEYA, K, et al., "Influence of Nitrogen Gas on Hydrogenation of Corn Oil .2. Novel Method
	of Edible oil Hydrogeneration," J JPN SOC FOOD SCI 43 (4): 417-422 1996.
1 / T	TAKEYA, K, et al., "Novel Method of Edible Oil Hydrogenation .1. Influence of Inert-Gases on
	Hydrogenation of Soybean Oil," J JPN SOC FOOD SCI 42 (6): 410-418 1995.
	TAKEYA, K, et al., "Soybean oil hydrogenation using hydrogen storage alloy .3. Novel method
11 1	of edible oil hydrogenation," J JPN SOC FOOD SCI 43 (5): 502-509 1996.
	THOMSON, A., et al., "Silica-Supported Alloy Catalysts for Triglyceride Hydrogenation: The
<b>!</b>	preparation and Properties fo Pd-Ag and Pd-Ni Systems," J CHEM TECHNOL BIOT 37 (4):
<b>i</b>	257-270 1987.
$H \longrightarrow$	
	VELDSINK, J., "Selective Hydrogenation of Sunflower Seed Oil in a Three-Phase Catalytic
<del>                                     </del>	Membrane Reactor," JAOCS, Vol. 78, no. 5: 443-446 2001.
1 1	VELDSINK, J.W., et al., "Heterogeneous hydrogenation of vegetable oils: A literature review,"
	CATAL REV 39 (3): 253-318 1997.
	WANG, Y.Q., et al., "A natural seed oil rich in omega6 and omega3 fatty acids,"
	http://www.unl.ac.uk/ibchr/publication/pns01_wang_02.pdf, 1 page.
	WARNER, K., et al., "Electrochemical Hydrogenation of Edible Oils in a Solid Polymer
	Electrolyte Reactor. Sensory and Compositional Characteristics of Low Trans Soybean Oils,"
	JAOCS, Vol. 77, no. 10 1113-1117 2000.
	WEIDONG, A., et al., "The Electrochemical Hydrogenation of Edible Oils in a Solid Polymer
	Electrolyte Reactor. I. Reactor Design and Operation, JAOCS, Vol. 75, no. 8: 917-925 1998.
<del>                                     </del>	WEIDONG, A., et al., "The Electrochemical Hydrogenation of Edible Oils in a Solid Polymer
1 1 1	
	Electrolyte Reactor. II. Hydrogenation Selectivity Studies, JAOCS, Vol. 76, no. 2: 215-222
<b> </b>	1999.
	WRIGHT, A.J., et al., "Cis selectivity of mixed catalyst systems in canola oil hydrogenation,"
ונו	Food Research International: 797-804 2003.

Examiner Signature	Cor	Date Considered	3704	٦
				-

Sut	estitute for form 1449A/B/P1	ro		Complete if Known	
				Application Number	10/750,457-Conf. #4983
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S	TATEMENT I	BY /	APPLICANT	First Named Inventor	Hans Van Toor
				Art Unit	1621
	(Use as many sh	ieets as	necessary)	Examiner Name	Not Yet Assigned
Sheet	8	of	8	Attorney Docket Number	334498005US2

0)	YUSEM, G., et al., "Electrocatalytic hydrogenation of soybean oil in a radial flow-through Raney nickel powder reactor," Journal of Applied Electrochemistry: 989-997 1996.	
4	YUSEM, G.J., et al., "The Electrocatalytic Hydrogenation of Soybean Oil," JAOCS, Vol. 69, no. 5: 399-404 May 1992.	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Application Number

First Named Inventor

Filing Date

Art Unit

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Hans Van Toor

1621

10/750,457-Conf. #4983

December 31, 2003

itute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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heet	· 1	of	1	Attorney Docket Number	334498005US2

	U.S. PATENT DOCUMENTS							
Examiner	er Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
Initials*	No.1		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
7		US-4,134,905	01-16-1979	JOHN M. HASMAN				
		US-4,430,350	02-07-1984	DAVID TRESSER				
		US-5,470,598	11-28-1995	TIMOTHY A. SCAVONE				
4		US-5,734,070	03-31-1998	THOMAS TACKE				
		US-6,033,703	03-07-2000	BRUCE A. ROBERTS				

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,				
Initials*	No.	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear				
07		WO04/068960-A1	08-19-2004	BUNGE FOODS		П			
				CORPORATION					
		WO03/080779-A1	10-02-2003	FUJI OIL EUROPE					

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<sup>&#</sup>x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

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Application Number	10/750,457-Conf. #4983				
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Art Unit	1621				
Examiner Name	D. D. Carr				
Attorney Docket Number	334498005US2				

U.S. PATENT DOCUMENTS							
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	FOREIGN PATENT DOCUMENTS								
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9		WO 2004/068960-A1	08-19-2004	Bunge Foods Corporat;ion		П			

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				Art Unit	1621	
	(Use as many sheets as necessary)			Examiner Name	D. D. Carr	
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U.S. PATENT DOCUMENTS						
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<del>2</del>		US-20040146626-A1	07-29-2004	Higgins		

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т⁰			
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.